

Title (en)

AIR-COOLING ARRANGEMENT FOR A BRAKE DISC

Publication

**EP 0258538 B1 19891213 (DE)**

Application

**EP 87107452 A 19870522**

Priority

DE 3630334 A 19860905

Abstract (en)

[origin: US4805747A] An arrangement for supplying cooling air to a brake disk of a front wheel brake comprises an air guiding duct that is developed to be partially flexible and, on the inlet side, has an air opening in the front end of a motor vehicle and, on the outlet side, has another air opening that is directed at the brake disk. Two air inlet openings in a brake disk guard plate are opposite said air opening and form a separate transversely directed air guiding system to the brake disk. The air guiding duct is provided with several rigid duct portions that are held so that they are be fixed at the vehicle, namely at the vehicle body, as well as at the wheel, namely at the wishbone, as well as adjacent to the brake disk at a guard plate. They are each connected with one another via flexible intermediate duct portions, in which case the rigid duct portions can be moved relative to one another together with their assorted vehicle components.

IPC 1-7

**B60T 5/00**; **B62D 35/00**; **F16D 65/847**

IPC 8 full level

**B60T 5/00** (2006.01); **B62D 35/00** (2006.01); **F16D 65/847** (2006.01)

CPC (source: EP US)

**B60T 5/00** (2013.01 - EP US); **F16D 65/847** (2013.01 - EP US)

Cited by

DE102011056161A1; CN102673582A; FR3016598A1; DE102006044952B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0258538 A2 19880309**; **EP 0258538 A3 19880907**; **EP 0258538 B1 19891213**; DE 3630334 A1 19880310; DE 3761129 D1 19900118; ES 2012784 B3 19900416; JP S6364854 A 19880323; US 4805747 A 19890221

DOCDB simple family (application)

**EP 87107452 A 19870522**; DE 3630334 A 19860905; DE 3761129 T 19870522; ES 87107452 T 19870522; JP 22055887 A 19870904; US 7685987 A 19870723